

| L Number | Hits | Search Text   | DB    | Time stamp       |
|----------|------|---|-------|------------------|
| 1        | 97   | ((("5351775") or ("6082476") or ("5767663")<br>or ("5894902") or ("5512787") or ("4298082")<br>or ("4614875") or ("5680908") or ("6091159")<br>or ("5746283") or ("6064123") or ("6260649")<br>or ("4314160") or ("4504761") or ("4763751")<br>or ("5788003") or ("6387007") or ("6111391")<br>or ("4429232") or ("5910773") or ("6367570")<br>or ("4326380") or ("5224568") or ("5386146")<br>or ("6376925") or ("6445982") or ("5881559")<br>or ("4555656") or ("5337560") or ("4309622")<br>or ("4294204") or ("5176000") or ("5327987")<br>or ("5696438") or ("4413698") or ("5558595")<br>or ("6109863") or ("4272686") or ("5461858")<br>or ("5551237") or ("5713202") or ("6073445")<br>or ("6172426") or ("6244033") or ("4568836")<br>or ("5550410") or ("5811201") or ("6216436")<br>or ("6216436") or ("5287004") or ("5839529")<br>or ("6034606") or ("6191694") or ("5740672")<br>or ("6247312") or ("4987962") or ("5769177")<br>or ("4632205") or ("5291960") or ("5823280")<br>or ("6378636") or ("6476509") or ("4346303")<br>or ("4368417") or ("4376097") or ("4403154")<br>or ("4418542") or ("4547678") or ("4597363")<br>or ("4621562") or ("4821018") or ("4825656")<br>or ("4893877") or ("4897633") or ("4953646")<br>or ("5209325") or ("5218308") or ("5265435")<br>or ("5363937") or ("5563451") or ("5584355")<br>or ("5642270") or ("5680032") or ("5689174")<br>or ("6002219") or ("6029620") or ("6099089")<br>or ("6135914") or ("6157113") or ("6179395")<br>or ("6186253") or ("6213234") or ("6223843")<br>or ("6213234") or ("6223843") or ("6380637")<br>or ("6431628") or ("5272378") or ("5347609")<br>or ("5905356"))).PN.           | USPAT | 2003/02/10 12:47 |
| 2        | 26   | ((("5351775") or ("6082476") or ("5767663")<br>or ("5894902") or ("5512787") or ("4298082")<br>or ("4614875") or ("5680908") or ("6091159")<br>or ("5746283") or ("6064123") or ("6260649")<br>or ("4314160") or ("4504761") or ("4763751")<br>or ("5788003") or ("6387007") or ("6111391")<br>or ("4429232") or ("5910773") or ("6367570")<br>or ("4326380") or ("5224568") or ("5386146")<br>or ("6376925") or ("6445982") or ("5881559")<br>or ("4555656") or ("5337560") or ("4309622")<br>or ("4294204") or ("5176000") or ("5327987")<br>or ("5696438") or ("4413698") or ("5558595")<br>or ("6109863") or ("4272686") or ("5461858")<br>or ("5551237") or ("5713202") or ("6073445")<br>or ("6172426") or ("6244033") or ("4568836")<br>or ("5550410") or ("5811201") or ("6216436")<br>or ("6216436") or ("5287004") or ("5839529")<br>or ("6034606") or ("6191694") or ("5740672")<br>or ("6247312") or ("4987962") or ("5769177")<br>or ("4632205") or ("5291960") or ("5823280")<br>or ("6378636") or ("6476509") or ("4346303")<br>or ("4368417") or ("4376097") or ("4403154")<br>or ("4418542") or ("4547678") or ("4597363")<br>or ("4621562") or ("4821018") or ("4825656")<br>or ("4893877") or ("4897633") or ("4953646")<br>or ("5209325") or ("5218308") or ("5265435")<br>or ("5363937") or ("5563451") or ("5584355")<br>or ("5642270") or ("5680032") or ("5689174")<br>or ("6002219") or ("6029620") or ("6099089")<br>or ("6135914") or ("6157113") or ("6179395")<br>or ("6186253") or ("6213234") or ("6223843")<br>or ("6213234") or ("6223843") or ("6380637")<br>or ("6431628") or ("5272378") or ("5347609")<br>or ("5905356"))).PN.) and wind | USPAT | 2003/02/10 12:47 |
| 3        | 5    | 5680032.URPN.   | USPAT | 2003/02/10 12:55 |
| 4        | 6    | ("3513326"   "4179007"   "4254843"  <br>"5280827"   "5296746"   "5680032").PN.  | USPAT | 2003/02/10 12:57 |

|    |    |   |   |                  |
|----|----|---|---|------------------|
| 7  | 18 | 4254843.URPN.   | USPAT   | 2003/02/10 12:58 |
| 8  | 0  | 5920127.URPN.   | USPAT   | 2003/02/10 13:01 |
| 9  | 0  | 5920127.URPN.   | USPAT   | 2003/02/10 13:01 |
| 10 | 9  | ("2148804"   "3621930"   "3876925"  <br>"4132282"   "4141425"   "4179007"  <br>"4254843"   "4314160"   "5563451").PN. | USPAT   | 2003/02/10 13:01 |
| 13 | 13 | 3876925.URPN.   | USPAT   | 2003/02/10 13:02 |
| 14 | 21 | 4141425.URPN.   | USPAT   | 2003/02/10 13:03 |
| 15 | 18 | 4254843.URPN.   | USPAT   | 2003/02/10 13:04 |
| 16 | 5  | 5680032.URPN.   | USPAT   | 2003/02/10 13:06 |
| 17 | 38 | 290/44.ccls. and wind and vehicle   | USPAT   | 2003/02/10 13:06 |
| 18 | 66 | 290/55.ccls. and wind and vehicle   | USPAT   | 2003/02/10 13:16 |
| 19 | 12 | 290/54.ccls. and wind and vehicle   | USPAT   | 2003/02/10 13:07 |
| 20 | 31 | 180/2.2.ccls. and wind and vehicle  | USPAT   | 2003/02/10 13:07 |
| 21 | 7  | 320/101.ccls. and wind and vehicle  | USPAT   | 2003/02/10 13:07 |
| 22 | 83 | 290/55.ccls. and wind and vehicle   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/02/10 13:17 |
| 23 | 40 | 290/44.ccls. and wind and vehicle   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/02/10 13:17 |

CLIPPEDIMAGE= JP356060874A

PAT-NO: JP356060874A

DOCUMENT-IDENTIFIER: JP 56060874 A

TITLE: GENERATING METHOD UTILIZING WIND FORCE IN AUTOMOBILE OR THE LIKE

PUBN-DATE: May 26, 1981

INVENTOR-INFORMATION:

NAME

KOGA, NORIMICHI

ASSIGNEE-INFORMATION:

NAME

KOGA NORIMICHI

COUNTRY

N/A

APPL-NO: JP54135433

APPL-DATE: October 18, 1979

INT-CL (IPC): F03D009/00

US-CL-CURRENT: 290/55

ABSTRACT:

PURPOSE: To generate electricity by utilizing wind force enhanced as an automobile travels to rotate a wind mill.

CONSTITUTION: When a wind mill 2 provided in a front portion of a vehicle 1 like an automobile is rotated by utilizing wind force produced as the vehicle 1 is travelling, turning force of the wind mill 2 is transmitted to a generator 3 to provide electric power corresponding to said wind force and charge it into an accumulator 4. Since thereafter the vehicle 1 receives always air resistance proportional to the projected area of its front, the wind mill 2 provided in the projected area can make a reverse use of the air resistance to take out and accumulate electric power without increasing the air resistance of the vehicle 1 compared with that before the wind mill 2 is

installed. Hence,  
accumulated power can be utilized in the exterior as well as the  
interior of  
the vehicle 1.

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